Page 1 of 6

## RECEIVED



MAR 1 4 2002

**TECH CENTER 1600/2900** 

ENTERED

1641

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/781,697

DATE: 02/26/2002 TIME: 13:36:03

Input Set : A:\TAMK249.ST25.txt

Output Set: N:\CRF3\02262002\I781697.raw

```
3 <110> APPLICANT: Bayley, Hagan P.
        Movileanu, Liviu
         Howorka, Stefan G.
 7 <120> TITLE OF INVENTION: BIOSENSOR COMPOSITIONS AND METHODS OF USE
 9 <130> FILE REFERENCE: TAMK:249---
11 <140> CURRENT APPLICATION NUMBER: 09/781,697
12 <141> CURRENT FILING DATE: 2001-02-12
14 <150> PRIOR APPLICATION NUMBER: US 60/182,097
15 <151> PRIOR FILING DATE: 2000-02-11
17 <160> NUMBER OF SEQ ID NOS: 14
19 <170> SOFTWARE: PatentIn version 3.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 8
23 <212> TYPE: DNA
24 <213> ORGANISM: Artificial Sequence
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Synthetic Oligonucleotide
29 <400> SEQUENCE: 1
30 cattcacc
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 8
35 <212> TYPE: DNA
36 <213> ORGANISM: Artificial Sequence
38 <220> FEATURE:
39 <223> OTHER INFORMATION: Synthetic Oligonucleotide
41 <400> SEQUENCE: 2
42 ggtgaatg
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 8
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Synthetic Oligonucleotide
53 <400> SEQUENCE: 3
54 tgacagat
57 <210> SEQ ID NO: 4
58 <211> LENGTH: 30
59 <212> TYPE: DNA
60 <213> ORGANISM: Artificial Sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: Synthetic Oligonucleotide
65 <400> SEQUENCE: 4
                                                                           30
66 acaaaatcca gacatagtta tctatcaata
```

DATE: 02/26/2002

Input Set : A:\TAMK249.ST25.txt Output Set: N:\CRF3\02262002\I781697.raw 69 <210> SEQ ID NO: 5 70 <211> LENGTH: 30 71 <212> TYPE: DNA 72 <213> ORGANISM: Artificial Sequence 74 <220> FEATURE: 75 <223> OTHER INFORMATION: Synthetic Oligonucleotide 77 <400> SEQUENCE: 5 78 acaaaatcca gacatagtta tctgtcaata 30 -81 <210> SEQ ID NO: 6 82 <211> LENGTH: 9 83 <212> TYPE: DNA 84 <213> ORGANISM: Artificial Sequence 86 <220> FEATURE: 87 <223> OTHER INFORMATION: Synthetic Oligonucleotide 89 <220> FEATURE: 90 <221> NAME/KEY: misc\_feature 91 <222> LOCATION: (7)..(9) 92 <223> OTHER INFORMATION: N = C, G, A or T95 <400> SEQUENCE: 6 W--> 96 gcattcnnn 99 <210> SEQ ID NO: 7 100 <211> LENGTH: 7 101 <212> TYPE: DNA 102 <213> ORGANISM: Artificial Sequence 104 <220> FEATURE: 105 <223> OTHER INFORMATION: Synthetic Oligonucleotide 107 <220> FEATURE: 108 <221> NAME/KEY: misc\_feature 109 <222> LOCATION: (1)..(1) 110 <223> OTHER INFORMATION: N = C, G, A or T113 <400> SEQUENCE: 7 W--> 114 ngaatgc 117 <210> SEQ ID NO: 8 118 <211> LENGTH: 7 119 <212> TYPE: DNA 120 <213> ORGANISM: Artificial Sequence 122 <220> FEATURE: 123 <223> OTHER INFORMATION: Synthetic Oligonucleotide 125 <220> FEATURE: 126 <221> NAME/KEY: misc\_feature 127 <222> LOCATION: (1)..(1) 128 <223> OTHER INFORMATION: N = C, G, A or T131 <400> SEQUENCE: 8 7 W--> 132 ntgaatg 135 <210> SEQ ID NO: 9 136 <211> LENGTH: 7 137 <212> TYPE: DNA 138 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/781,697 TIME: 13:36:03

140 <220> FEATURE:

DATE: 02/26/2002

Input Set : A:\TAMK249.ST25.txt Output Set: N:\CRF3\02262002\I781697.raw 141 <223> OTHER INFORMATION: Synthetic Oligonucleotide 143 <220> FEATURE: 144 <221> NAME/KEY: misc\_feature 145 <222> LOCATION: (1)..(1) 146 <223> OTHER INFORMATION: N = C, G, A or T 149 <400> SEQUENCE: 9 W--> 150 ngtgaat 153 <210> SEQ ID NO: 10 154 <211> LENGTH: 7 155 <212> TYPE: DNA 156 <213> ORGANISM: Artificial Sequence 158 <220> FEATURE: 159 <223> OTHER INFORMATION: Synthetic Oligonucleotide 161 <400> SEQUENCE: 10 7 162 attcacc 165 <210> SEQ ID NO: 11 166 <211> LENGTH: 7 167 <212> TYPE: DNA 168 <213> ORGANISM: Artificial Sequence 170 <220> FEATURE: 171 <223> OTHER INFORMATION: Synthetic Oligonucleotide 173 <220> FEATURE: 174 <221> NAME/KEY: misc\_feature 175 <222> LOCATION: (4)..(4) 176 <223> OTHER INFORMATION: N = C, G, A or T179 <400> SEQUENCE: 11 7 W--> 180 ggtnaat 183 <210> SEQ ID NO: 12 184 <211> LENGTH: 7 185 <212> TYPE: DNA 186 <213> ORGANISM: Artificial Sequence 188 <220> FEATURE: 189 <223> OTHER INFORMATION: Synthetic Oligonucleotide 191 <220> FEATURE: 192 <221> NAME/KEY: misc\_feature 193 <222> LOCATION: (5)..(5) 194  $\langle 223 \rangle$  OTHER INFORMATION: N = C, G, A or T 197 <400> SEQUENCE: 12 7 W--> 198 ggtgnat 201 <210> SEQ ID NO: 13 202 <211> LENGTH: 7 203 <212> TYPE: DNA 204 <213> ORGANISM: Artificial Sequence 206 <220> FEATURE: 207 <223> OTHER INFORMATION: Synthetic Oligonucleotide 209 <220> FEATURE: 210 <221> NAME/KEY: misc\_feature 211 <222> LOCATION: (7)..(7) 212 <223> OTHER INFORMATION: N = C, G, A or T

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/781,697 TIME: 13:36:03

RAW SEQUENCE LISTING DATE: 02/26/2002 PATENT APPLICATION: US/09/781,697 TIME: 13:36:03

Input Set : A:\TAMK249.ST25.txt

Output Set: N:\CRF3\02262002\I781697.raw

215	ZAGON SECTIONOE: 13	
		7
216	cattcan	,
219	<210> SEQ ID NO: 14	
220	<211> LENGTH: 8	
221	<212> TYPE: DNA	
222	<213> ORGANISM: Artificial Sequence	
224	<220> FEATURE:	
225	<223> OTHER INFORMATION: Synthetic Oligonucleotide	
227	<220> FEATURE:	
228	<221> NAME/KEY: misc_feature	
229	<222> LOCATION: (2)(2)	
230	<223> OTHER INFORMATION: N = C, G, A or T	
233	<400> SEQUENCE: 14	
234	gntgaatg	8
	216 219 220 221 222 224 225 227 228 229 230 233	215 <400> SEQUENCE: 13  216 cattcan  219 <210> SEQ ID NO: 14  220 <211> LENGTH: 8  221 <212> TYPE: DNA  222 <213> ORGANISM: Artificial Sequence  224 <220> FEATURE:  225 <223> OTHER INFORMATION: Synthetic Oligonucleotide  227 <220> FEATURE:  228 <221> NAME/KEY: misc_feature  229 <222> LOCATION: (2)(2)  230 <223> OTHER INFORMATION: N = C, G, A or T  233 <400> SEQUENCE: 14  234 gntgaatg

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/781,697

DATE: 02/26/2002 TIME: 13:36:04

Input Set : A:\TAMK249.ST25.txt

Output Set: N:\CRF3\02262002\I781697.raw

L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14